

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/993,808C  
Source: IFW/b  
Date Processed by STIC: 2/7/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

## RAW SEQUENCE LISTING

DATE: 02/07/2005

PATENT APPLICATION: US/09/993,808C

TIME: 17:40:38

Input Set : A:\1146.SEQLIST.TXT

Output Set: N:\CRF4\02072005\I993808C.raw

4 <110> APPLICANT: Gordon-Kamm, William  
 5 Lowe, Keith  
 6 Sun, Yuejin  
 7 Dilkes, Brian  
 8 Larkins, Brian  
 11 <120> TITLE OF INVENTION: Cell Cycle Nucleic Acids, Polypeptides,  
 12 and Uses Thereof  
 14 <130> FILE REFERENCE: 1146  
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/993,808C  
 C--> 16 <141> CURRENT FILING DATE: 2001-11-06  
 E--> 16 <160> NUMBER OF SEQ ID NOS: 612(p.3)  
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES

109 <210> SEQ ID NO: 2  
 110 <211> LENGTH: 702 256 shown(p.2)  
 111 <212> TYPE: PRT  
 112 <213> ORGANISM: zea mays  
 114 <220> FEATURE:  
 115 <221> NAME/KEY: VARIANT  
 116 <222> LOCATION: (1)...(256)  
 117 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
 119 <400> SEQUENCE: 2  
 120 Met Gly Lys Tyr Met Arg Lys Cys Arg Gly Ala Ala Gly Ala Glu Val  
 121 1 5 10 15  
 122 Ala Ala Val Glu Val Thr Gln Val Val Gly Val Arg Thr Arg Ser Arg  
 123 20 25 30  
 124 Ser Ala Ala Ala Thr Gly Gly Val Ala Lys Val Ala Pro Arg Arg Lys  
 125 35 40 45  
 126 Arg Ala Pro Ala Gly Glu Pro Ala Ala Ala Val Ser Ala Gly Gly Asp  
 127 50 55 60  
 128 Gly Gly Ser Cys Tyr Ile His Leu Arg Ser Arg Met Leu Phe Met Ala  
 129 65 70 75 80  
 130 Pro Pro Gln Pro Gln Pro Ser Val Asp Ser Val Pro Thr Pro Val Glu  
 131 85 90 95  
 132 Ala Ala Asp Gly Ala Ala Gly Gln Gln Gly Ala Ala Leu Ala Ala Gly  
 133 100 105 110  
 134 Leu Ser Arg Cys Ser Ser Thr Ala Ser Ser Val Asn Leu Gly Leu Gly  
 135 115 120 125  
 136 Gly Gln Arg Gly Ser His Thr Cys Arg Ser Tyr Asp Ala Ala Glu Ala  
 137 130 135 140

pp1-3  
 Does Not Comply  
 Corrected Diskette Needed

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```

138 Gly Gly Asp His Val Leu Val Asp Val Ser Ala Ala Ser Asn Ser Gly
139 145 150 155 160
140 Ser Gly Pro Asp Arg Glu Arg Arg Glu Thr Thr Pro Ser Ser Arg Ala
141 165 170 175
142 His Gly Glu Leu Ser Asp Leu Glu Ser Asp Leu Ala Gly His Lys Thr
143 180 185 190
144 Gly Pro Ser Leu Pro Ala Ala Thr Pro Ala Ala Glu Leu Ile Val Pro
145 195 200 205
146 Pro Ala His Glu Ile Gln Glu Phe Phe Ala Ala Ala Glu Ala Ala Gln
147 210 215 220
148 Ala Lys Arg Phe Ala Ser Lys Tyr Asn Phe Asp Phe Val Arg Gly Val
149 225 230 235 240
150 Pro Leu Asp Ala Gly Gly Arg Phe Glu Trp Ala Pro Val Val Ser Ile
E--> 151 245 250 255

```

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<210> 12 *last sequence in submitted file*  
<211> 46  
<212> PRT  
<213> zea mays

<400> 12

Ala	Gln	Glu	Ile	Gln	Glu	Phe	Phe	Ala	Ala	Ala	Glu	Ala	Ala	His	Ala
1				5					10					15	
Lys	Arg	Phe	Ala	Ser	Lys	Tyr	Asn	Phe	Asp	Phe	Val	Arg	Gly	Val	Pro
			20					25					30		
Leu	Asp	Ala	Gly	Arg	Phe	Glu	Trp	Thr	Pro	Gly	Val	Ser	Ile		
		35					40					45			

*FYI*

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/993,808C

DATE: 02/07/2005

TIME: 17:40:40

Input Set : A:\1146.SEQLIST.TXT

Output Set: N:\CRF4\02072005\I993808C.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:151 M:252 E: No. of Seq. differs, <211> LENGTH:Input:702 Found:256 SEQ:2  
L:299 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:5  
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:512  
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:96  
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:16 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (6) Counted (12)